

ON THE PRESENCE OF GALLIUM IN PECULIAR A-TYPE STARS

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The presence of Ga II was detected in several more objects of the manganese group of peculiar A-type stars. Several stars belonging to the other groups (chromium, europium and silicon stars) were analysed with negative results.

The complete paper will be published in the "Publications of the Astronomical Society of the Pacific".

A SPECTROSCOPIC STUDY OF THE PECULIAR STARS μ LEP AND π^1 BOO

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On the basis of Coudé material generously loaned by Dr.H.Babcock, about 250 lines were measured in the wavelength region $\lambda\lambda$ 3800 - 4600. A 94 % of them were identified. Of this percentage, 40% belong to Mn II. In both stars C II is too strong for this type. P II was not detected. Y II is surprisingly strong, with a slight difference in the enhancement between both stars. The stars were also compared with two other manganese stars already analysed at high dispersion.

The full paper will be published somewhere else.